





## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

olicant:

FODSTAD ET AL.

Examiner:

M. DAVIS-

Serial No.:

09/331,376

Group Art Unit:

1642

Filed:

JUNE 18, 1999

Docket:

7885 65USWO! 2 .... 9: 40

Due Date:

**JANUARY 6, 2000** 

Title:

METHOD FOR CHARACTERIZATION OF ABNORMAL CELLS

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described herein, are being deposited in the United States Postal Service, as first class mail, with sufficient postage, in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on January &

**Assistant Commissioner for Patents** Washington, D.C. 20231

Sir:

We are transmitting herewith the attached:

Transmittal Sheet in duplicate containing Certificate of Mailing

Response to Restriction Requirement

Return postcard

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers, if appropriate. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

MERCHANT & GOULD P.C. 3100 Norwest Center, Minneapolis, MN 55402 (612) 332-5300

John J. Gresens

Reg. No.: 33,112 JJG:PSTslc

S/N 09/331,376

PATENT

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Ame. John J. Gresens

## RESPONSE TO RESTRICTION REQUIREMENT

Assistant Commissioner for Patents Washington, D.C. 20231

Dear Sir:

This paper is being submitted in response to the Restriction Requirement mailed December 7, 1999.

In the Claims

Please cancel claims 3 and 12.

Please amend claims 1, 6, 7, and 13 as indicated below.

1. (Amended) Method to detect and phenotype target cells, such as animal and human cells, in cell suspensions by using particles coated with antibodies[/ligands] directed against antigenic determinants/receptors expressed on the target cells, except when the target cells are malignant and normal haemotopoietic and lymphatic cells,

characterized in that 2–6 antibodies [or ligands], each antibody [or ligand] conjugated to each of several types of particles instrumentally or visually separable by fluorescence, color and size, with sizes ranging from 0.01  $\mu$ m – 6  $\mu$ m, wherein the ratio between the number or of particles and the number of cells ranges from 20:1 to 0.5:1 are incubated under gentle rotation

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